

Nur für Forschungszwecke

NHE8 Polyklonaler Antikörper

Katalog-Nr.:18318-1-AP

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: 18318-1-AP	GenBank-Zugangsnummer: BC112213	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 400 µg/ml von Nanodrop und 267 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 23315	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: solute carrier family 9 (sodium/hydrogen exchanger), member 8	
Isotyp: IgG	Berechnete Masse: 581 aa, 65 kDa	
Immunogen Katalognummer: AG13111	Beobachtete Masse: 70-85 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB,ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus, Ratte	WB : HEK-293-Zellen, Maushodengewebe, Maus-Kolongewebe, Mauslebergewebe, Mausnierengewebe
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC : humanes Nierengewebe, humanes Eierstockgewebe, humanes Hautgewebe, humanes Hodengewebe, humanes Kolongewebe, humanes Lungengewebe, humanes Plazenta-Gewebe, Maushodengewebe
	IF : HEK-293-Zellen,

Hintergrundinformationen

NHE8, encoded by SLC9A8, is a member of sodium/hydrogen exchanger family which are transmembrane proteins that mediate the electroneutral exchange of sodium (Na) for hydrogen (H) and get involved in intracellular pH homeostasis, cell volume regulation, acid-base regulation, and so on. NHE8 has a broad tissue distribution, with relatively high abundance in the gastrointestinal tract. It has been reported that NHE8 expression differs among different regions in the stomach, very low in nonglandular region whereas very high in glandular region. The predicted molecular weight of NHE8 is 64-65 kDa, while its glycosylated form often migrates around 70-85 kDa.

Lagerung

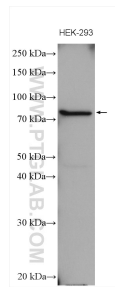
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

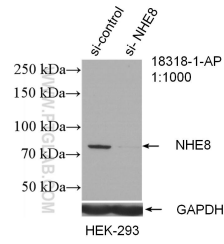
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

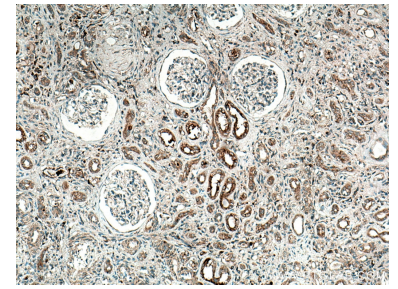
Ausgewählte Validierungsdaten



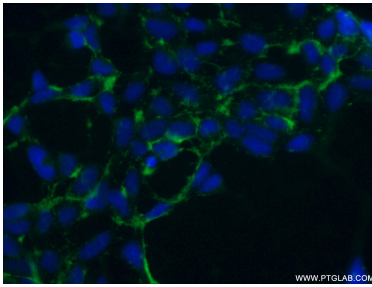
HEK-293 cells were subjected to SDS PAGE followed by western blot with 18318-1-AP (NHE8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of NHE8 antibody (18318-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NHE8 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18318-1-AP (NHE8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 18318-1-AP (NHE8 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).